

$$\begin{array}{ccccccc} \left(\frac{\partial^2}{\partial t^2} \right) & \left(\frac{\partial^2}{\partial x^2} \right) & \left(\frac{\partial^2}{\partial y^2} \right) & \left(\frac{\partial^2}{\partial z^2} \right) & \left(\frac{\partial^2}{\partial t \partial x} \right) & \left(\frac{\partial^2}{\partial t \partial y} \right) & \left(\frac{\partial^2}{\partial t \partial z} \right) \\ \text{I} & \text{II} & \text{III} & \text{IV} & \text{V} & \text{VI} & \text{VII} \end{array}$$

TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent
Filing

Attorney Docket
Number:

LILS
203

Leakage Free Ceramic Films for Porous Surfaces

First Named Inventor: Dr. Zhonglin Wu

SUBMITTED BY

Name:	Mr. Thomas F. Marsteller Jr.
Registration Number:	29,672
Electronic Signature Mark: /T F Marsteller/	Date Signed: 20020729

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	Decl1.tif
declaration	Decl2.tif
patent-assignments	LILS_203asgn.xml
bibd-transmittal	LILS_203apds.xml

fee-transmittal
specification

LILS_203fee.xml
LILS203.xml

Attached Image File(s):

Decl1.tif

Decl2.tif

Comments:

PTO/SB/01 (10-01)

Approved for use through 10/31/2002. OMB 0851-0032

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	LILS 203
	First Named Inventor	Wu, Zhonglin
	COMPLETE IF KNOWN	
	Application Number	/
	Filing Date	
	Art Unit	
	Examiner Name	

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Leakage Free Ceramic Films for Porous Surfaces

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

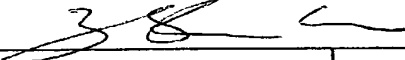
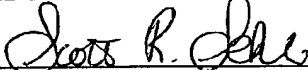
☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement. This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION ^{3/4} Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/>		Customer Number or Bar Code Label		OR <input type="checkbox"/> Correspondence address below	
30640					
Name					
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR :			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])			Family Name or Surname		
Zhonglin			Wu		
Inventor's Signature			Date		
			7/16/2002		
Residence: City		State		Country	
Bettendorf		IA		US	
Citizenship		China (CN)			
Mailing Address					
2734 Hickory Grove Road					
City		State		Country	
Davenport		IA		US	
ZIP		52804			
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])			Family Name or Surname		
Scott R.			Sehlin		
Inventor's Signature			Date		
			7/16/2002		
Residence: City		State		Country	
Bettendorf		IA		US	
Citizenship		US			
Mailing Address					
2734 Hickory Grove Road					
City		State		Country	
Davenport		IA		US	
ZIP		52804			
<input type="checkbox"/> Additional Inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

[Page 2 of 2]

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 780

BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 4647
 Expiration Date: 20030430
 Authorized Name: Thomas F. Marsteller Jr.
 Billing Address: 75380-3302

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 17	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40